

### **ABSTRACT OF THE DISCLOSURE**

A scrolling unit and a projection system using the same are provided. The scrolling unit is formed by spirally arranging on an outer circumferential surface of a column-like plate at least one lens cell which separates the incident light into a plurality of beams. As the scrolling unit rotates about a predetermined rotating axis, a lens array, defined by an area of the scrolling unit through which light passes, moves rectilinearly. Due to the use of the scrolling unit, a simple projection system can be obtained, and color scrolling is easily performed.